

What is claimed is:

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1. An air mattress comprising:
 - a first inflatable compartment having a first layer, a second layer, and a periphery defining a length and a width,
 - a second inflatable compartment having at least one additional layer and extending generally said length and width of said periphery, said second inflatable compartment being tufted; and
 - a perimeter seal connecting said first inflatable compartment to said second inflatable compartment, wherein said perimeter seal is recessed from said periphery.
 2. The air mattress as set forth in claim 1 wherein said second layer forms a boundary surface between said first inflatable compartment and said second inflatable compartment and contains a plurality of fluid communication channels between said first compartment and said second compartment.
 3. The air mattress as set forth in claim 2, wherein said second inflatable compartment further comprises a second additional layer between said one additional layer and said first inflatable compartment, said second additional layer being sealed to said second layer of said first inflatable compartment adjacent to said plurality of fluid communication channels.
 4. The air mattress as set forth in claim 1, wherein said second inflatable compartment further comprises a plurality of discontinuous seals.
 5. The air mattress as set forth in claim 1, wherein said second inflatable compartment further comprises a plurality of attachments.
 6. The air mattress as set forth in claim 1, further comprising a layer of cushioning material within said second inflatable compartment.
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7. The air mattress as set forth in claim 6, wherein said layer of cushioning material is selected from the group consisting of foams, gels, and liquids.

8. The air mattress as set forth in claim 1, further comprising a valve between said first inflatable compartment and said second inflatable compartment.

9. The air mattress as set forth in claim 1, further comprising a valve in said first inflatable compartment.

10. The air mattress as set forth in claim 9, further comprising a pump connected with said valve.

11. An air mattress comprising:

a first inflatable compartment having a first layer, a second layer, and sides with a length and a width and defining a periphery;

a second inflatable compartment having at least one additional layer and extending generally the length and width of the periphery, said second inflatable compartment being tufted;

a perimeter seal connecting said first inflatable compartment to said second inflatable compartment, wherein said perimeter seal is spaced a distance from the periphery; and

a fluid communication channel between said first inflatable compartment and said second inflatable compartment.

12. The air mattress as set forth in claim 11, wherein said second inflatable compartment further comprises a plurality of discontinuous seals.

13. The air mattress as set forth in claim 12, further comprising a layer of cushioning material within said second inflatable compartment.

14. The air mattress as set forth in claim 13, wherein said layer of cushioning material is selected from the group consisting of foams, gels, and liquids.

Sub A3 B1 15. An air mattress comprising:

a first inflatable compartment having a first layer, a second layer, and a periphery defining a length and a width;

a second inflatable compartment having at least one additional layer and extending generally said length and width of said periphery, said second inflatable compartment being tufted; and

a layer of cushioning material in one of said first inflatable compartment and said second inflatable compartment, wherein the other of said first inflatable compartment and said second inflatable compartment is inflated but does not contain a layer of cushioning material.

16. The air mattress as set forth in claim 15, wherein said layer of cushioning material is selected from the group consisting of foams, gels, and liquids.

17. The air mattress as set forth in claim 15, wherein said second layer forms a boundary surface between said first inflatable compartment and said second inflatable compartment and contains a plurality of fluid communication channels between said first compartment and said second compartment.

Sub A4 B1 18. The air mattress as set forth in claim 17, wherein said second inflatable compartment further comprises a second additional layer between said one additional layer and said first inflatable compartment, said second additional layer being sealed to said second layer of said first inflatable compartment adjacent to said plurality of fluid communication channels.

Sub B1 19. The air mattress as set forth in claim 15, further comprising a perimeter seal connecting said first inflatable compartment to said second inflatable compartment, wherein said perimeter seal is recessed from said periphery.

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20. The air mattress as set forth in claim 15, further comprising a valve between said first inflatable compartment and said second inflatable compartment and a pump in fluid communication with said valve.

FIG. 10